

ERIK KIMSEY

erikkimsey@gmail.com

erikkimsey.github.io
GitHub.com/erikkimsey

Software Developer

UI + Design

5+ years

Mobile + Web

LANGUAGES

Javascript

C#

Python

Swift

C++

UI

Javascript / Typescript

React / Next.js

CSS / Tailwind / SCSS

Three.js

SwiftUI

MOBILE

Unity

React Native

SwiftUI

BACKEND

Node.js / Express

Django

SQL / SQLite

3D + DESIGN

Blender

Illustrator

Photoshop

PROFILE

UI/UX Software Developer with 5+ years of experience. Strong focus on developing and designing dynamic, beautiful, and user-friendly interfaces for web applications and mobile applications. Proficient in development with JavaScript ecosystem and Unity / C#.

EXPERIENCE

Developer + Creative Lead @ Bebob Boutique — Present

- Leading creative direction: devising and developing a conceptual theme, and integrating that theme into a global aesthetic. And, then, implementing that theme into a dynamic 3D mobile app.
- Developing *all code* (C#) for a performant, *highly-interactive, multi-sensorial mobile app*, that utilizes *mobile device sensor APIs* in addition to screen touch interaction.
- Implementing *custom real-time physics* in C#: simulated fluid, and mechanics of self-stabilizing hover behavior ("PID Controller").
- Towards a highly engaging user-experience, creating VFX and animation for in-app interactions and events.
- With a *hard focus on performance*, building all 3D models, and all model materials and textures.
- Utilizing *Responsive-Design Principles* for creation of all UI and graphic design assets, to accomplish continuity of experience across all mobile device sizes.

UI / UX Consultation @ AgConnect — 2024

- Created a 6-page instruction-worksheet and Figma mood-board, for stakeholders, towards creating brand guidelines.
- Provided a 40-point deep-analysis of AgConnect app's user-interface, applying UI/UX design principles.
- Provided stakeholders with 5+ illustrated case studies of suggested UI improvements.
- Re-designed 5 of the app's core features, to increase the usability and visual appeal of the target market.
- Developed (coded) AgConnect login/sign-up and landing sites, using Svelte (Javascript, CSS).

Lead Mobile UI Engineer @ University of Virginia/SkillSTAR — 2020-2021

- Used *React Native, Typescript, Node.js, Python, Chart.js* to build interactive mobile app, "SkillSTAR".
- Designed / developed the app's UI to meet *specific usability requirements* of young Autistic children and their caretakers.
- *Coordinated weekly consultation* with stakeholders, and created a system for asynchronous collaboration and communication.

Engineering / Design @ Various — 2021-2025

- Development: Next.js, React.js, Tailwind, Node.js, D3.js / Chart.js, React-Three-Fiber, SCSS, SQLite, GraphQL, Python.
- Design: Adobe Creative Suite (Illustrator, Photoshop, Indesign), Procreate, Linearity Curve.

Javascript Engineer @ ChartIQ — 2016-2017

- Utilitized Javascript and HTML5 Canvas to develop and debug ChartIQ's flagship product, a real-time finance charting service.
- Utilized AngularJS and CSS to integrate ChartIQ into a *eToro products*.

EDUCATION

Lambda School — (CE) Software Engineering, 2019-2020

University of Oregon — (CE) Computer Science , 2016

BRCC — Web Design & Development Certification 2015

James Madison University — BS Philosophy, 2010

AWARDS / EXTRA-CURRICULAR

EMT-B, Harrisonburg Rescue Squad

Phi Sigma Tau member, Philosophy Honors Society

Botanical Sculpture Contest, 1st Place!, Montessori, 1989

erikkimsey@gmail.com

erikkimsey.github.io

GitHub.com/erikkimsey

Software Developer

UI + Design

5+ years

Mobile + Web

LANGUAGES

Javascript

C#

Python

Swift

C++

UI

Javascript / Typescript

React / Next.js

CSS / Tailwind / SCSS

Three.js

SwiftUI

MOBILE

Unity

React Native

SwiftUI

BACKEND

Node.js / Express

Django

SQL / SQLite

3D + DESIGN

Blender

Illustrator

Photoshop